

## Description of changes

The original approved module, HVIN: SX-SDMAC-2832S (FCC ID: NZI-PMACS/ IC: 9288A-PMACS) is included in the host equipment Trimble Total station model/config: SX12-200.

The only difference from original approval is that a new antenna, not covered in original approval, is used.

Additional testing done to cover the new antenna type, see Intertek test reports no.

-2203630STO-101  
-2203630STO-102  
-2203630STO-103

The antenna update covers 2,4 GHz Wi-Fi only.

The radio module is by SW set to only use the 2,4 GHz Wi-fi according to below.

Transmitter frequency range:	2412 – 2462 MHz (2422 – 2452 MHz for HT 40/MCS0 modulation)	
Receiver frequency range:	2412 – 2462 MHz (2422 – 2452 MHz for HT 40/MCS0 modulation)	
Number of channels:	11 (7 for HT 40/MCS0 modulation)	
Antenna:	<input type="checkbox"/> Internal antenna	<input checked="" type="checkbox"/> External antenna
Antenna connector:	<input type="checkbox"/> None, internal antenna	<input checked="" type="checkbox"/> Yes, reversed TNC connector
Peak antenna gain: <sup>1</sup>	+1.7 dBi	
Declared RF output power: <sup>1</sup>	+18 dBm (EIRP)	
Types of modulation:	No HT/9Mbps/802.11G/OFDM, (disabled HT mode) CCK/1Mbps/802.11b/DSSS HT 20/MCS0 HT 40/MCS0	

Enclosed in separate documents are:

- Datasheet for new antenna
- Block diagram
- Circuit diagram
- Internal photos of host device
- RID – Regulatory Information
- Marking plates for host equipment